

Prince Pipes & Fittings Ltd

Volume growth still lagging peers; industry prospects remain healthy

- Prince Pipes & Fittings' (PRINCPIP) 3QFY24 volumes de-grew 2% yoy to 42,665MT (inline with EE) on soft demand scenario in the retail space and also as company still remains in the process of gaining back the lost market share. Realisations dipped 8% qoq to Rs 145/kg (2% below EE) mainly due to correction in PVC resin prices.
- Channel inventory is currently at moderate level; however, with PVC prices relatively stable since last 2-3 months, benefits of restocking will be visible shortly.
- ➤ 3Q saw inventory loss of ~Rs 100mn vs inventory gain of ~Rs 50mn in 2Q24. This led to meaningful dip in EBITDA margins to 12.2% (EE: 12.5%) vs 14.3% qoq. Ex. Inventory loss, 3Q24 margins were at 13.8%; we expect similar EBITDAM to trend in FY25/FY26.
- ➤ Retain LONG with a Mar'25 TP of Rs 783 (Dec'24 TP of Rs 834 earlier) at 33x P/E (unchanged) on a Mar'26 EPS of Rs 23.7.

Volumes continue to lag peers; expect market share gains 1Q25 onwards: Sales volumes de-grew 2% yoy to 42,665MT, coming in-line with EE. We believe PRINCPIP has still underperformed peers in terms of volume growth during 9MFY24; management believes this is mainly due to lower HDPE exposure and over-premiumisation in a few markets which has led to some market share loss. Benefits from the ongoing HDPE expansion will start flowing in from 4QFY24 itself; besides, the company has taken corrective pricing actions too, which should aid volumes ahead as management expects gradual market share gains 1Q25 onwards. With PVC prices believed to have bottomed out and being relatively stable for some time now, we see a healthy demand recovery for the industry going ahead. We build in a 10% volume CAGR for FY23-FY26E.

Inventory loss impacts margins: EBITDA margin came at 12.2% for 3Q24 vs 14.3% for 2Q24 mainly owing to Rs 100mn impact of inventory loss in 3Q excluding which, margins come at 13.8%. We believe margins will stay near the current, sustainable levels of 13.5% as the benefit of operating leverage would be partially offset by price correction in a few markets. Also, initial losses due to branding, team building, and other operational initiatives in the bath-ware segment would keep a tab on near-term EBITDA margins.

Leverage to remain healthy but WC stretches further: PRINCPIP remained comfortably placed in terms of leverage position. Working capital days stretched from 57 in Mar'23 to 69 in 9MFY24 mainly as debtor days increased from 56 to 73 during this period. We believe working capital remains a key addressable issue for the company. Bihar expansion remains on track while the company has also received a decent response for the bath-ware category since its launch in Sep'23 (3Q24 revenue at Rs 60mn). PRINCPIP is ramping-up distributors in the North and West and also plans an East launch by 4QFY24.

Key risks: Increased competitive intensity, delay in demand recovery, volatility in PVC prices, operating deleverage in bath-ware segment.

Financial Summary

YE Mar Rs mn	Sales	EBITDA	Recurring PAT	EPS (Rs)	P/E (x)	P/B (x)	EV/ EBITDA (x)	ROE (%)	Core ROIC (%)	EBITDA Margin (%)
FY23A	27,109	2,503	1,214	11.0	61.2	5.4	29.0	9.2	9.7	9.2
FY24E	24,835	2,980	1,568	14.2	47.4	4.9	24.2	10.9	12.1	12.0
FY25E	28,765	3,941	2,280	20.7	32.6	4.3	18.3	14.1	16.0	13.7
FY26E	33,317	4,598	2,723	24.7	27.3	3.8	15.6	14.9	16.7	13.8

Source: Company, Equirus Securities

_	_
Estimate	Paviolan
LSIIIIIGIE	REVISION

	Fore	% Change				
(Rs mn)	FY24E	FY25E	FY24E	FY25E		
Sales	26,689	30,625	-7%	-6%		
EBITDA	3,283	4,165	-9%	-5%		
PAT	1,820	2,446	-14%	-7%		
EPS	16.54	22.23	-14%	-7%		

Stock Information	
Market Cap (Rs Mn)	74,468
52 Wk H/L (Rs)	776/532
Avg Daily Volume (1 yr)	3,54,388
Avg Daily Value (Rs Mn)	3.0
Equity Cap (Rs Mn)	13,640
Face Value (Rs)	10
Share Outstanding (Mn)	110.6
Bloomberg Code	PRINCPIP IN
Ind Benchmark	BSETCD

Recent	3M	12M
60.9	0.0	(2.0)
15.9	3.1	5.6
7.7	(2.0)	0.3
15.5	(1.1)	(3.0)
	60.9 15.9 7.7	60.9 0.0 15.9 3.1 7.7 (2.0)

Relative price chart



Source: Bloomberg

Analysts

Pranav Mehta

pranav.mehta@equirus.com 079 6901 5013

Aman Agrawal

aman.agarwal@equirus.com 079 6901 5005 Exhibit 1: Quarterly performance

D- 14-	205704	2057045	2QFY24	205702		% Change		C
Rs Mn	3QFY24	3QFY24E	2QFY24	3QFY23 -	3QFY24E	2QFY24	3QFY23	Comments
Net Sales	6,186	6,272	6,565	7,059	-1%	-6%	-12%	
Raw Materials	4,316	4,453	4,511	5,483	-3%	-4%	-21%	
Staff Cost	373	364	405	311	2%	-8%	20%	
Other Expenditure	741	671	707	570	10%	5%	30%	
Total Expenditures	5,430	5,488	5,623	6,364	-1%	-3%	-15%	
EBITDA	757	784	942	695	-3%	-20%	9%	
Depreciation	229	226	225	211	1%	2%	9%	
EBIT	528	558	716	484	-5%	-26%	9%	
Interest	27	10	7	16	181%	293%	68%	
Other Income	30	36	40	12	-15%	-24%	147%	
PBT	531	584	749	480	-9%	-29%	10%	
Tax	154	149	222	126	4%	-31%	22%	
Recurring PAT	376	435	527	354	-14%	-29%	6%	
Extraordinaries	0	0	-179	0				
Reported PAT	376	435	706	354	-14%	-47%	6%	
EPS (Rs)	3.4	4.0	6.4	3.2	-14%	-47%	6%	
Cost as a % of sales								
Raw Materials	69.8%	71.0%	68.7%	77.7%	-123 bps	105 bps	-791 bps	
Staff Cost	6.0%	5.8%	6.2%	4.4%	22 bps	-14 bps	162 bps	
Other Expenditure	12.0%	10.7%	10.8%	8.1%	128 bps	120 bps	390 bps	
Margin (%)								
Gross Margin	30.2%	29.0%	31.3%	22.3%	123 bps	-105 bps	791 bps	
EBITDA Margin	12.2%	12.5%	14.3%	9.8%	-27 bps	-211 bps	239 bps	
EBIT Margin	8.5%	8.9%	10.9%	6.9%	-37 bps	-238 bps	167 bps	
PBT Margin	8.6%	9.3%	11.4%	6.8%	-74 bps	-283 bps	177 bps	
PAT Margin	6.1%	6.9%	10.8%	5.0%	-85 bps	-467 bps	107 bps	
Sales Volume	42,665	42,505	41,529	43,693	0%	3%	-2%	
Realization (Rs /MT)	145	148	158	162	-2%	-8%	-10%	

Source: Company, Equirus Securities

Earnings Call Takeaways

Demand Scenario:

- Company is focusing on volume growth through building a strong distributor network.
- Introduced new value-added products during 3Q24.
- Focused on optimizing capacity utilization, product mix, and network expansion.
- 3Q24 revenue for bathware segment stood at Rs 60mn, whereas manpower and A&P costs stood at Rs 30mn. Expect A&P costs to increase for bathware segment in order to build a strong brand visibility.
- Company has not been too aggressive in expanding demand via government schemes.
- Building materials segment has performed better than agri during 3Q24. Expect real estate demand to be strong over the next two-three years.

Pricing:

- Took pricing action correction in 2Q24, which led to reduction in realization in 3Q24 on a qoq basis.
- Company is not deep discounting, and pricing has largely been in-line compared to competitors.
- PVC price volatility has been range-bound in 3Q24.
- There has been a 5-7% decline in CPVC resin prices during 3Q24, which the company has passed on to the market.

Operational guidance:

- Expect to perform in-line with industry from 1Q25 onwards.
- Realigned Chennai capacity from 42kt to 47kt based on changes in market forces.
- Expect revenue of Rs 1.7-1.75bn from Bihar facility in FY25.
- Expect major revenue share for PVC, 20-25% for CPVC, 5-7% for PPR, and 4-5% for HDPE going forward.
- Expect overall EBITDAM of 12-14% for FY25.

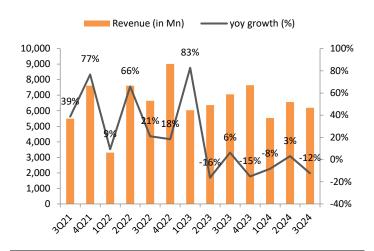
Expansion:

- Proposed to increase capex for Bihar facility from Rs 1.5bn to Rs 2.2bn on account of addition of fittings line.
- Phase-1 of Bihar integrated facility includes 50-52kt capacity expansion (including pipes, fittings and tanks) for Rs 2.2bn. Further, company has also invested in a 35-acre land which will help in further expansion over the next 5-7 years.
- Extension of HDPE line at Jaipur has been completed, with machine running at ideal capacity utilization. Expect to continue to expand HDPE capacity.
- Expected capex (excluding Bihar expansion): Rs 1.1-1.2bn for FY24 and Rs 0.9-1bn for FY25.

Others:

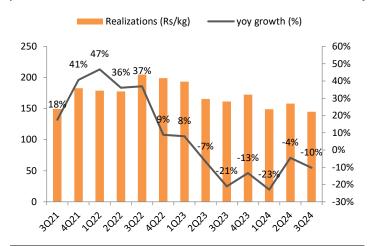
- Overall capacity utilization currently stands at 50-52%.
- Cash balance stood at Rs 1.2bn as on Dec'23.
- Company has spent Rs 120mn in 3Q24 and Rs 390mn in 9M24 on A&P.
- Company faced challenges regarding supply chain disruption leading to market share loss at secondary/retail level in 3Q24.
- Witnessed many unorganized players going out of the market in 3Q24.
- Company incurred inventory loss of Rs 100mn in 3Q24. RM and finished good inventories stood at 30 days each for the quarter. Expect debtor days to be around 50, and inventory days at 70 going forward.
- Channel inventory has been moderate, with no sharp movements during the quarter.

Exhibit 2: Sale volumes down 2% yoy, up 3% qoq



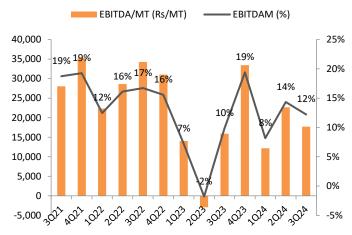
Source: Company Data, Equirus

Exhibit 4: Realizations falls 8% goq



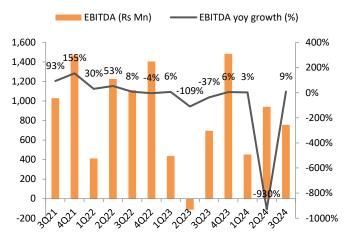
Source: Company Data, Equirus

Exhibit 3: EBITDAM falls 211bps gog to 12.2%



Source: Company Data, Equirus

Exhibit 5: Overall EBITDA performance falls qoq



Source: Company Data, Equirus

Company Snapshot

How we differ from consensus

Particular (Rs Mn)	Equirus	Consensus	% Diff	Com
C 1	FY24E	24,835	27794	-11%	
Sales	FY25E	28,765	32570	-12%	
EDITO A	FY24E	2,980	3459	-14%	
EBITDA	FY25E	3,941	4453	-12%	
DAT	FY24E	1,568	2036	-23%	
PAT	FY25E	2,280	2660	-14%	

Key Estimates

	FY23A	FY24E	FY25E	FY26E
Volumes (mtpa)	1,57,717	1,65,603	1,87,131	2,11,458
Yoy growth (%)	13%	5%	13%	13%
Realizations (Rs/kg)	172	150	154	158
Yoy growth (%)	-10%	-13%	3%	3%
Revenues (Rs mn)	27,109	24,835	28,765	33,317
Yoy growth (%)	2%	-8%	16%	16%

Key Investment Arguments:

- Potential to become a strong challenger brand over next 3-4 years with focus on gaining mkt.
 share in CPVC segment.
- Operating leverage together with continued branding investments to improve visibility and reach across regions while tie-up with Lubrizol to help gain traction in the Institutional segment.
- B/s to remain strong and while capex intensity to remain moderate post commissioning of Telangana plant.

Key downside risks:

- Resurgence of unorganized players once RM supply constraints ease out.
- Competitive intensity increasing among the organized players.
- Lower than expected volume offtake from various govt. schemes due to less spending by govt.

Company Description:

Prince Pipes and Fittings Limited is the 5th largest piping solutions & multi polymer manufacturer in India, based in Mumbai, Maharashtra. Company was incorporated in 1987. In Aug'20, the company announced its association with Lubrizol and thereafter launched Prince Flowguard Plus CPVC plumbing systems. Company has 7 manufacturing units located across the country (barring East) - Haridwar (Uttarakhand), Athal (Dadra and Nagar Haveli), Dadra (Dadra and Nagar Haveli), Kolhapur (Maharashtra), Chennai (Tamil Nadu), Jobner (Rajasthan) and Sangareddy (Telangana) with combined capacity of 315,000mtpa. It has a network of 1,500+ distributors, 9 Warehouses and 7,200+ SKUs.

Comparable valuation

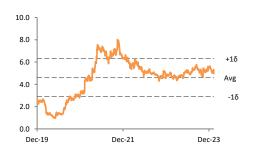
Company Reco. CM	CALP Mkt Cap	Price	Target	P/E		EV/EBITDA		P/B		RoE			Div Yield					
	CMP	Rs. Mn.	Target	Date	FY23A	FY24E	FY25E	FY23A	FY24E	FY25E	FY23A	FY24E	FY25E	FY23A	FY24E	FY25E	FY24E	
Astral	LONG	1,880	5,05,086	2,262	Dec-24	114	91	69	62	54	43	19	16	13	18%	19%	21%	0%
Finolex	LONG	220	1,35,880	281	Dec'24	57	33	20	42	24	14	3	3	3	5%	8%	13%	1%
Supreme	LONG	4,149	5,27,003	5,195	Dec'24	69	51	41	43	33	27	14	12	10	21%	25%	26%	1%
Prince	LONG	675	74,629	783	Mar'25	61	48	33	29	24	18	5	5	4	9%	11%	14%	0%
Apollo	LONG	661	25,874	830	Mar-25	108	51	28	38	26	16	6	5	3	6%	10%	13%	0%

Price to earning chart



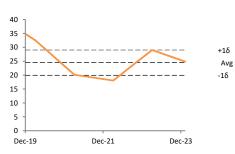
Source: Company, Equirus Research

Price to book chart



Source: Company, Equirus Research

EV-EBITDA chart



Source: Company, Equirus Research

Quarterly performance

Y/E Mar (Rs mn)	1QFY23A	2QFY23A	3QFY23A	4QFY23A	1QFY24A	2QFY24A	3QFY24A	4QFY24E
Revenue	6,041	6,365	7,059	7,644	5,536	6,565	6,186	6,549
COGS	4,785	5,533	5,483	5,121	4,143	4,511	4,316	4,601
Employee Cost	262	278	311	309	320	405	373	392
Other Expenses	555	667	570	731	620	707	741	726
EBITDA	439	(114)	695	1,483	452	942	757	830
Depreciation	197	212	211	211	218	225	229	232
EBIT	242	(325)	484	1,272	234	716	528	598
Interest Exp.	34	32	16	28	17	7	27	15
Other Income	0	0	0	0	0	0	0	0
Profit before Tax	208	(357)	468	1,244	217	709	500	583
Tax Expenses	60	(89)	126	337	59	222	154	152
Profit After Tax	148	(268)	342	907	157	487	346	432
Minority Interest	0	0	0	0	0	0	0	0
Profit/(Loss) from Associates	0	0	0	0	0	0	0	0
Recurring PAT	148	(268)	342	907	157	487	346	432
Exceptional Items	0	0	0	0	0	179	0	0
Reported PAT	148	(268)	342	907	157	667	346	432
Other comprehensive income.	0	0	0	0	0	0	0	0
PAT after comp. income.	148	(268)	342	907	157	667	346	432
FDEPS	1.3	(2.4)	3.1	8.2	1.4	6.1	3.1	3.9
Cost items as % of sales								
RM expenses	79.2	86.9	77.7	67.0	74.8	68.7	69.8	70.3
Employee expenses	4.3	4.4	4.4	4.0	5.8	6.2	6.0	6.0
Other expenses	9.2	10.5	8.1	9.6	11.2	10.8	12.0	11.1
Margin (%)								
Gross Margin	20.8	13.1	22.3	33.0	25.2	31.3	30.2	29.7
EBITDA Margin	7.3	(1.8)	9.8	19.4	8.2	14.3	12.2	12.7
PAT Margin	2.4	(4.2)	4.8	11.9	2.8	10.2	5.6	6.6
YoY Growth (%)								
Sales	82.7	(16.4)	6.3	(15.2)	(8.4)	3.1	(12.4)	(14.3)
EBITDA	6.3	0.0	(37.5)	5.6	3.1	0.0	8.9	(44.1)
EBIT	(4.5)	0.0	(48.2)	5.5	(3.3)	0.0	8.9	(53.0)
PAT	(4.9)	0.0	(47.9)	2.9	6.3	0.0	1.3	(52.4)

FY25E

FY24E

FY26E

Key Financials (Consolidated)

Income	Statement
--------	-----------

Y/E Mar (Rs mn)

Revenue	16,357	20,715	26,568	27,109	24,835	28,765	33,317
COGS	11,264	13,789	18,915	20,922	17,571	20,394	23,655
Employee Cost	902	997	1,162	1,161	1,490	1,553	1,666
Other Expenses	1,903	2,313	2,335	2,523	2,794	2,877	3,398
EBITDA	2,288	3,616	4,156	2,503	2,980	3,941	4,598
Depreciation	520	594	703	830	905	977	1,055
EBIT	1,768	3,022	3,453	1,673	2,075	2,964	3,542
Interest Exp.	332	207	139	110	66	56	48
Other Income	0	0	0	0	0	0	0
Profit before Tax	1,506	2,991	3,369	1,648	2,155	3,060	3,655
Tax Expenses	381	773	875	434	587	780	932
Profit After Tax	1,125	2,218	2,494	1,214	1,568	2,280	2,723
Minority Interest	0	0	0	0	0	0	0
Profit/(Loss) from Associates	0	0	0	0	0	0	0
Recurring PAT	1,125	2,218	2,494	1,214	1,568	2,280	2,723
Exceptional Items	0	0	0	0	0	0	0
Reported PAT	1,125	2,218	2,494	1,214	1,568	2,280	2,723
Other comprehensive income.	0	0	0	0	0	0	0
PAT after comp. income.	1,125	2,218	2,494	1,214	1,568	2,280	2,723
FDEPS	10.2	20.2	22.7	11.0	14.2	20.7	24.7
DPS	1	2	2	2	2	3	4
BVPS	76	95	115	124	138	156	176
YoY Growth (%)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Sales	4.1	26.6	28.3	2.0	(8.4)	15.8	15.8
EBITDA	24.3	58.1	14.9	(39.8)	19.1	32.2	16.7
EBIT	25.8	70.9	14.3	(51.5)	24.0	42.8	19.5
PAT	37.0	97.2	12.4	(51.3)	29.1	45.4	19.4
Key Ratios							
Profitability (%)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Gross Margin	31.1	33.4	28.8	22.8	29.2	29.1	29.0
EBITDA Margin	14.0	17.5	15.6	9.2	12.0	13.7	13.8
DAT Marain	4.0	10.7	0.4	1 E	4.2	7.0	0.0

FY21A

FY22A

FY23A

FY20A

Profitability (%)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Gross Margin	31.1	33.4	28.8	22.8	29.2	29.1	29.0
EBITDA Margin	14.0	17.5	15.6	9.2	12.0	13.7	13.8
PAT Margin	6.9	10.7	9.4	4.5	6.3	7.9	8.2
ROE	18.2	23.6	21.6	9.2	10.9	14.1	14.9
ROIC	19.3	26.2	26.5	11.6	13.6	17.5	18.7
Core ROIC	18.0	25.7	22.8	9.7	12.1	16.0	16.7
Dividend Payout	9.8	9.9	8.8	18.1	14.0	14.5	16.2

CAGR (%)	1 year	2 years	3 years	5 years	7 years	10 years
Revenue	2.0	14.4	18.3	15.6	15.2	13.0
EBITDA	(39.8)	(16.8)	3.0	8.9	14.3	10.0
PAT	(51.3)	(26.0)	2.6	10.0	22.3	12.3

Valuation (x)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
P/E	66.0	33.5	29.8	61.2	47.4	32.6	27.3
P/B	8.9	7.1	5.9	5.4	4.9	4.3	3.8
P/FCFF	34.9	17.3	49.8	16.1	17.6	14.3	18.3
EV/EBITDA	32.5	20.1	18.1	29.0	24.2	18.3	15.6
EV/Sales	4.5	3.5	2.8	2.7	2.9	2.5	2.2
Dividend Yield (%)	0.1	0.3	0.3	0.3	0.3	0.4	0.6

D . I	١		C	
Bal	ıar	ıce	2	heet

WELL ID	EV004	D/01 A	E)/00 A	E)/00.4	EVO 4E	EVO.EE	E)/O/E
Y/E Mar (Rs mn)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Equity Capital	1,100	1,100	1,106	1,106	1,106	1,106	1,106
Reserves	7,277	9,335	11,547	12,534	14,061	16,010	18,293
Net Worth	8,377	10,435	12,653	13,640	15,166	17,116	19,399
Total Debt	2,626	852	1,500	581	640	560	510
Other long term liabilities	392	408	250	305	160	140	90
Minority Interest	0	0	0	0	0	0	0
Account Payables	1,808	2,491	3,986	3,202	4,967	5,359	5,659
Other Current Liabilities	900	1,874	1,002	814	828	959	1,111
Total Liabilities	14,102	16,061	19,390	18,542	21,761	24,134	26,769
Gross Fixed Assets	6,458	7,113	9,242	10,467	11,917	14,417	15,417
Acc. Depreciation	(1,573)	(2,083)	(2,786)	(3,616)	(4,521)	(5,499)	(6,554)
Net Fixed Assets	4,886	5,030	6,456	6,851	7,396	8,919	8,864
Capital WIP	75	765	226	190	190	190	190
long term investments	6	15	17	3	3	3	3
Others	687	394	425	246	701	478	1,833
Inventory	3,445	2,273	6,188	4,256	4,763	5,359	5,933
Receivables	1,797	3,534	4,346	4,150	4,627	4,886	5,477
Loans and advances	11	41	110	33	34	39	46
Other current assets	624	1,710	936	652	1,147	1,360	1,372
Cash & Cash Equivalents.	2,570	2,299	687	2,161	2,901	2,899	3,051
Total Assets	14,102	16,061	19,390	18,542	21,761	24,134	26,769
Non-Cash WC	3,169	3,193	6,592	5,075	4,776	5,327	6,058
Cash Conv. Cycle	58.4	36.4	67.8	57.3	34.8	34.1	37.7
WC Turnover	5.2	6.5	4.0	5.3	5.2	5.4	5.5
Gross Asset Turnover				2.6			
	2.5	2.9	2.9		2.1	2.0	2.2
Net Asset Turnover	3.3	3.6	4.0	3.8	3.3	3.2	3.7
Net D/E	0.0	(0.1)	0.1	(0.1)	(0.1)	(0.1)	(0.1)
Days (x)	FY20A	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Receivable Days	40	62	60	56	68	62	60
Inventory Days	77	40	85	57	70	68	65
Payable Days	59	66	77	56	103	96	87
Non-cash WC days	71	56	91	68	70	68	66
Cash Flow							
Y/E Mar (Rs mn)	EV00.4	FY21A	FY22A	FY23A	FY24E	FY25E	FY26E
Profit Before Tax	FY2UA	11217					
	FY20A				2.155	3,060	3,655
Depreciation	1,506	2,991	3,369	1,648	2,155 905	3,060 977	3,655 1,055
Depreciation Others	1,506 520	2,991 594	3,369 703	1,648 830	2,155 905 0	3,060 977 0	1,055
Others	1,506 520 450	2,991 594 261	3,369 703 223	1,648 830 51	905 0	977 0	1,055 0
Others Tax paid	1,506 520 450 372	2,991 594 261 626	3,369 703 223 960	1,648 830 51 401	905 0 587	977 0 780	1,055 0 932
Others Tax paid Change in WC	1,506 520 450 372 (1,081)	2,991 594 261 626 (149)	3,369 703 223 960 (3,530)	1,648 830 51 401 1,473	905 0 587 299	977 0 780 (551)	1,055 0 932 (731)
Others Tax paid Change in WC Operating Cashflow	1,506 520 450 372 (1,081) 1,023	2,991 594 261 626 (149) 3,071	3,369 703 223 960 (3,530) (195)	1,648 830 51 401 1,473 3,602	905 0 587 299 2,771	977 0 780 (551) 2,706	1,055 0 932 (731) 3,047
Others Tax paid Change in WC Operating Cashflow Capex	1,506 520 450 372 (1,081) 1,023 (1,106)	2,991 594 261 626 (149) 3,071 (1,210)	3,369 703 223 960 (3,530) (195) (1,687)	1,648 830 51 401 1,473 3,602 (998)	905 0 587 299	977 0 780 (551)	1,055 0 932 (731)
Others Tax paid Change in WC Operating Cashflow	1,506 520 450 372 (1,081) 1,023	2,991 594 261 626 (149) 3,071	3,369 703 223 960 (3,530) (195)	1,648 830 51 401 1,473 3,602	905 0 587 299 2,771 (1,450)	977 0 780 (551) 2,706 (2,500)	1,055 0 932 (731) 3,047 (1,000)
Others Tax paid Change in WC Operating Cashflow Capex Change in Invest.	1,506 520 450 372 (1,081) 1,023 (1,106) (2,570) 0	2,991 594 261 626 (149) 3,071 (1,210) 355	3,369 703 223 960 (3,530) (195) (1,687) 1,846	1,648 830 51 401 1,473 3,602 (998) (531) 48	905 0 587 299 2,771 (1,450) 0	977 0 780 (551) 2,706 (2,500) 0	1,055 0 932 (731) 3,047 (1,000) 0
Others Tax paid Change in WC Operating Cashflow Capex Change in Invest. Others Investing Cashflow	1,506 520 450 372 (1,081) 1,023 (1,106) (2,570) 0 (3,676)	2,991 594 261 626 (149) 3,071 (1,210) 355 0 (855)	3,369 703 223 960 (3,530) (195) (1,687) 1,846 46 205	1,648 830 51 401 1,473 3,602 (998) (531) 48 (1,481)	905 0 587 299 2,771 (1,450) 0 0 (1,450)	977 0 780 (551) 2,706 (2,500) 0 0 (2,500)	1,055 0 932 (731) 3,047 (1,000) 0 (1,000)
Others Tax paid Change in WC Operating Cashflow Capex Change in Invest. Others Investing Cashflow Change in Debt	1,506 520 450 372 (1,081) 1,023 (1,106) (2,570) 0 (3,676) (371)	2,991 594 261 626 (149) 3,071 (1,210) 355 0 (855) (1,746)	3,369 703 223 960 (3,530) (195) (1,687) 1,846 46 205 648	1,648 830 51 401 1,473 3,602 (998) (531) 48	905 0 587 299 2,771 (1,450) 0 0 (1,450)	977 0 780 (551) 2,706 (2,500) 0	1,055 0 932 (731) 3,047 (1,000) 0
Others Tax paid Change in WC Operating Cashflow Capex Change in Invest. Others	1,506 520 450 372 (1,081) 1,023 (1,106) (2,570) 0 (3,676)	2,991 594 261 626 (149) 3,071 (1,210) 355 0 (855)	3,369 703 223 960 (3,530) (195) (1,687) 1,846 46 205	1,648 830 51 401 1,473 3,602 (998) (531) 48 (1,481) (919)	905 0 587 299 2,771 (1,450) 0 0 (1,450)	977 0 780 (551) 2,706 (2,500) 0 (2,500) (80)	1,055 0 932 (731) 3,047 (1,000) 0 (1,000)
Others Tax paid Change in WC Operating Cashflow Capex Change in Invest. Others Investing Cashflow Change in Debt Change in Equity	1,506 520 450 372 (1,081) 1,023 (1,106) (2,570) 0 (3,676) (371) 3,394	2,991 594 261 626 (149) 3,071 (1,210) 355 0 (855) (1,746) (6)	3,369 703 223 960 (3,530) (195) (1,687) 1,846 46 205 648 107	1,648 830 51 401 1,473 3,602 (998) (531) 48 (1,481) (919)	905 0 587 299 2,771 (1,450) 0 0 (1,450) 59 179	977 0 780 (551) 2,706 (2,500) 0 (2,500) (80) 0	1,055 0 932 (731) 3,047 (1,000) 0 (1,000) (50)



Rating & Coverage Definitions:

Absolute Rating

 \bullet LONG : Over the investment horizon, ATR >= Ke for companies with Free Float market cap >Rs 5 billion and ATR >= 20% for rest of the companies

- ADD: ATR >= 5% but less than Ke over investment horizon
- \bullet REDUCE: ATR >= negative 10% but <5% over investment horizon
- SHORT: ATR < negative 10% over investment horizon

Relative Rating

- OVERWEIGHT: Likely to outperform the benchmark by at least 5% over investment horizon
- BENCHMARK: likely to perform in line with the benchmark
- UNDERWEIGHT: likely to under-perform the benchmark by at least 5% over investment horizon

Investment Horizon

Investment Horizon is set at a minimum 3 months to maximum 18 months with target date falling on last day of a calendar quarter

Registered Office:

Equirus Securities Private Limited

Unit No. A2102B, 21st Floor, A Wing, Marathon Futurex,

N M Joshi Marg, Lower Parel, Mumbai-400013.

Tel. No: +91 - (0)22 - 4332 0600 Fax No: +91 - (0)22 - 4332 0601

Corporate Office:

3rd floor, House No. 9,

Magnet Corporate Park, Near Zydus Hospital, B/H Intas Sola Bridge,

S.G. Highway Ahmedabad-380054 Gujarat Tel. No: +91 (0)79 - 6190 9550

Fax No: +91 (0)79 - 6190 9560

2023 Equirus Securities Private Limited. All rights reserved. For Private Circulation only. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of Equirus Securities Private Limited

Analyst Certification

I, Pranav Mehta/Aman Agarwal, author to this report, hereby certify that all of the views expressed in this report accurately reflect my personal views about the subject company or companies and its or their securities. I also certify that no part of my compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

Disclosures

Equirus Securities Private Limited (ESPL) having CIN: U65993MH2007PTC176044 is registered in India with Securities and Exchange Board of India (SEBI) as Research Analyst (Reg. No. INH000001154), Stock Broker: (Reg. No. INZ000251536), RA: INH000001154, DP: (Reg. No. IN-DP-324-2017) NSE Mem id: 13017 | BSE Mem id: 3309 | DP ID:84500 | having its Registered office at A 2102 B, A wing, 21st Floor, Marathon Futurex, N. M. Joshi Marg, Lower Parel, Mumbai-400013.. There are no disciplinary actions taken by any regulatory authority against ESPL for Research Analyst activity. ESPL is a subsidiary of Equirus Capital Private Limited (ECPL) which is registered with SEBI as Category I Merchant Banker and provides investment banking services including but not limited to merchant banking services, private equity, mergers & acquisitions and structured finance.

As ESPL and its associates are engaged in various financial services business, it might have: - (a) received compensation (except in connection with the preparation of this report) from the subject company for investment banking or merchant banking or brokerage services or any other product or services in the past twelve months; (b) managed or co-managed public offering of securities for the subject company in the past twelve months; or (c) received a mandate from the subject company; or (d) might have other financial, business or other interests in entities including the subject company (ies) mentioned in this Report. ESPL & its associates, their directors and employees may from time to time have positions or options in the company and buy or sell the securities of the company (ies) mentioned herein. ESPL and its associates collectively do not own (in their proprietary position) 1% or more of the equity securities of the subject company mentioned in the report as the last day of the month preceding the publication of the research report. ESPL or its Analyst or Associates did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ESPL nor Research Analysts have any material conflict of interest at the time of publication of this report. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. ESPL has not been engaged in market making activity for the subject company.

The Research Analyst engaged in preparation of this Report: -

(a) has not received any compensation from the subject company in the past twelve months; (b) has not managed or co-managed public offering of securities for the subject company in the past twelve months; (c) has neither received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months nor received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months; (d) has not received any compensation or other benefits from the subject company or third party in connection with the research report; (e) might have served as an officer, director or employee of the subject company; (f) is not engaged in market making activity for the subject company.

This document is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ESPL and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession of this document are required to inform themselves of, and to observe, such applicable restrictions. Please delete this document if you are not authorized to view the same. By reading this document you represent and warrant that you have full authority and all rights necessary to view and read this document without subjecting ESPL and affiliates to any registration or licensing requirement within such jurisdiction.

This document has been prepared solely for information purpose and does not constitute a solicitation to any person to buy, sell or subscribe any security. ESPL or its affiliates are not soliciting any action based on this report. The information and opinions contained herein is from publicly available data or based on information obtained in good faith from sources believed to be reliable, but ESPL provides no guarantee as to its accuracy or completeness. The information contained herein is as on date of this report, and report and is subject to change or modification and any such changes could impact our interpretation of relevant information contained herein. While we would endeavour to update the information herein on reasonable basis, ESPL and its affiliates, their directors and employees are under no obligation to update or keep the information current. Also, there may be regulatory, compliance, or other reasons that may prevent ESPL and its group companies from doing so. This document is prepared for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document including the merits and risks involved. This document is intended for general circulation and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. ESPL and its group companies, employees, directors and agents accept no liability, and disclaim all responsibility, for the consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this publication or for any decision based on it. ESPL/its affiliates do and seek to do business with companies covered in its research report. Thus, investors should be aware that the firm may have conflict of interest.

A graph of daily closing prices of securities is available at http://www.nseindia.com/ChartApp/install/charts/mainpage.jsp and www.bseindia.com (Choose a company from the list on the browser and select the "three years" period in the price chart).

Disclosure of Interest statement for the subject Company	Yes/No	If Yes, nature of such interest
Research Analyst' or Relatives' financial interest	No	
Research Analyst' or Relatives' actual/beneficial ownership of 1% or more	No	
Research Analyst' or Relatives' material conflict of interest	No	

Standard Warning: Investment in securities market are subject to market risks. Read all the related documents carefully before investing. | Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

 $\textbf{Compliance \& Grievance Officer: } Shital\ Tamrakar\ |\ Tel.\ No.\ 079-61909561\ |\ email: Shital.tamrakar@equirus.com\ |\ www.equirus.com\ |\$